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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Youqi Wang, Marco Falcioni,
Stephen J. Turner and C. Eric
Ramberg

Art Unit : Unknown

Examiner : Unknown

Serial No. : 10/024,649

Filed : December 17, 2001

Title : METHODS AND APPARATUS FOR PREPARING HIGH-DIMENSIONAL
COMBINATORIAL EXPERIMENTS

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

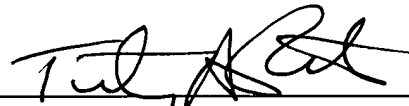
Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office action on the merits.

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Respectfully submitted,

Date: 2/22/02



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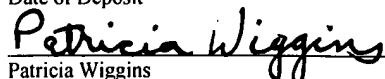
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February 22, 2002

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Patricia Wiggins



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10555-025001	Application No. 10/024,649
	Applicants Youqi Wang, Marco Falcioni, Stephen J. Turner and C. Eric Ramberg		
	Filing Date December 17, 2001	Group Art Unit	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Sub-class	Filing Date If Appropriate
	AA	5,759,779	6/2/98	Dehlinger	435	436	
	AB	5,763,263	6/9/98	Dehlinger	435	287	
	AC	6,044,212	*3/28/00	Flavin et al.	395	500.27	
	AD	US 6,175,816 B1	*1/16/01	Flavin et al.	703	13	

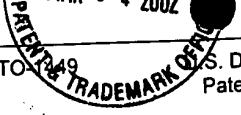
Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	WO 99/59722	11/25/99	PCT	B01L 3/00			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AF	James N. Cawse, Ph.D., "Experimental Strategies for Combinatorial and High-Throughput Materials Development", Accounts of Chemical Research, 2001, vol. 34, no. 3, pp. 213-221
	AG	L. A. Corkan et al., "Application of an Automated Chemistry Workstation to Problems in Synthetic Chemistry", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1992, vol. 17, pp. 95-105.
	AH	L. A. Corkan and J. S. Lindsey, "Design Concepts for Synthetic Chemistry Workstations", Advances in Laboratory Automation Robotics, 1990, vol. 6, pp. 447-497.
	AI	L. A. Corkan and J. S. Lindsey, "Experiment Manager Software for an Automated Chemistry Workstation, Including a Scheduler for Parallel Experimentation", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1992, vol. 17, pp. 47-47.
	AJ	M. W. Deem, "A Statistical Mechanical Approach to Combinatorial Chemistry", Advances in Chemical Engineering 28, Academic Press, 2001, pp. 81-121
	AK	M. Falcioni and M. W. Deem, "Library Design in Combinatorial Chemistry by Monte Carlo Methods", Phys. Rev. E 61, 2000, pp. 5948-5952
	AL	S. P.A. Foder, J. Leighton Red, M. C. Pirrung, L. Stryer, A. T. Lu, D. Solas, "Light-directed, spatially addressable parallel chemical synthesis", Science, (1991) Vol. 251, pp. 767-773
	AM	R. A. Houghten "Parallel array and mixture-based synthetic combinatorial chemistry: tools for the next millennium", Annu. Rev. Pharmacol. Toxicol. (2000) Vol. 40, pp. 273-82
	AN	H. Koinuma, T. Koida, T. Ohnishi, D. Komiyama, M. Lippmaa, M. Kawasaki, "Parallel fabrication of artificially designed superlattices by combinatorial laser MBE", Appl. Phys. A 69 Supp., (1999) S29-S31
	AO	J. S. Lindsey, "Automated Workstations for Chemical Synthesis in Japan: A New Paradigm for Pharmaceutical Research", Am. Lab., 1993, pp. 17, 18, 20.
	AP	J. S. Lindsey, "A Retrospective on the Automation of Laboratory Synthetic Chemistry", Chemometrics and Intelligent Laboratory Systems: Lab. Inf. Mgmt., 1992, vol. 17, pp. 15-45.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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	AQ	J. S. Lindsey and L. A. Corkan, "Toward High-Performance Parallel Experimentation Machines: Use of a Scheduler as a Quantitative Computer-Aided Design Tool for Evaluating Workstation Performance", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1993, vol. 21, pp. 139-150.
	AR	A. M. Thayer, "Bioinformatics for the Masses", Business, 2000, vol. 78, no. 6, CENEAR 78, pp. 19-32
	AS	SAS Institute, "JMP Statistical Discovery Software: Design of Experiments", 2000, Version 4
	AT	B. Yan, L. Liu, C. A. Astor and Q. Tang, "Determination of the absolute amount of resin-bound hydroxyl or carboxyl groups for the optimization of solid-phase combinatorial and parallel organic synthesis", Anal. Chem. (1999) vol. 71, pp. 4564-4571

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